Docket	No.:			
	DECLARAT		OF ATTORNEY FO	OR PATENT
		English Langu	age Declaration	
As a be	low named inventor,	I hereby declare that:		
My resi	idence, post office add	dress and citizenship are as s	tated below next to my name,	
invento			ly one name is listed below) or matter which is claimed and for	
Title:	Antenna arrangen	nent in a mobile station		
the spe	ecification of which			
(check	one)			
X	is attached hereto.			
	was filed on	as United	States Application No. or PC	Т
	International App	lication Number		
	and was amended	on (if applicable)		
		iewed and understand the cormendment referred to above.	ntents of the above-identified spo	ecification, including the
			atent and Trademark Office all in f Federal Regulations, Section 1	
any for which checking	eign application(s) for designated at least on ag the box, any foreig	r patent or inventor's certific e country other than the Uni	United States Code, Section 1196 ate, or Section 365(a) of any PC ated States, listed below and have ventor's certificate or PCT Interactly is claimed.	T International Application ve also identified below, by
Prior	Foreign Application	on(s)		
	(Number)	(Country)	(Day/Month/Year Filed)	Priority Not Claimed
200021	123	Finland	27 September 2000	
				Page 1 of 4

I hereby claim the benefit under 35 application(s) listed below:	U.S.C. Section 119(e) of a	any United States provisional
(Application Serial No.)		(Filing Date)
(Application Serial No.)		(Filing Date)
(Application Serial No.:		(Filing Date)
I hereby claim the benefit under 35 Section 365(c) of any PCT International, insofar as the subject matter of prior United States or PCT International paragraph of 35 U.S.C. Section 11 Patent and Trademark Office all indefined in Title 37, C.F.R., Section prior application and the national or	fonal Application designate feach of the claims of this national Application in (2, I acknowledge the dunformation known to me 1.56 which became available.	ting the United States, listed below s application is not disclosed in the the manner provided by the first ty to disclose to the United States to be material to patentability as lable between the filing date of the
(Application Serial No.)	(Filing Date) (p.	(Status) atented, pending, abandoned)
(Application Serial No.)	(Filing Date) (p.	(Status) atented, pending, abandoned)
(Application Serial No.)	(Filing Date) (p	(Status) atented, pending, abandoned)
I hereby declare that all statement statements made on information a		on knowledge are true and that all to be true; and further that these

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)
All attorneys listed under Customer No.: 2512

Send Correspondence to:

Customer No.: 2512

Full name of sole or first inventor:

Direct Telephone Calls to: (name and telephone number) Clarence A. Green, Reg. No.: 24,622 (203) 259-1800

KAIPONEN, Teemu Sole or first inventor's signature: 6.8.2001 Residence: Alppitic 5 B 52, FIN-90530 OULU, Finland 3863 Ingraham St E 309 Citizenship: TK 8/6/01 Finland

Post Office Address: Alppitie 5 B 52, FIN-90530 OULU, Finland

Ingraham St E309, SAN DIEGO, CA 92109, USA

Full name of second inventor: KUITTINEN, Tero Second inventor's signature: DATE

Residence address: Alppitie 10 as. 35, FIN-90350 OULU, Finland

Citizenship: Finland

Post Office Address:

Alppitie 10 as. 35, FIN-90350 OULU, Finland

Page 3 of 4

ull name of third inventor: YYLMÄNEN, Jari		
hird Inventor's signature:	DATE	
esidence address:		
Lesätie 1 B 15, FIN-90530 OULU, Finland itizenship:		
inland ost Office Address:		
osi Onice Address: Kesätie 1 B 15, FIN-90530 OULU, Finland		
Full name of fourth inventor:		
Fourth inventor's signature:	DATE	
out in one obganic	22	
Residence address:		
Citizenship:		
Post Office Address:		
ull name of fifth inventor:		
ifth inventor's signature:	DATE	
esidence address:		
Citizenship:		
ost Office Address:		
Check here if additional pages are attached. Nu	umber of added pages:	Page 4 0f 4

			
Docket No.:			
DECLARA		CR OF ATTORNEY FO	OR PATENT
	English Lan	guage Declaration	
As a below named invento	r, I hereby declare that:		
My residence, post office a	address and citizenship are as	s stated below next to my name,	
		only one name is listed below) on to matter which is claimed and for	
Title: Antenna arrange	ement in a mobile station		
the specification of which	:h		
(check one)			
X is attached heret	ю.		
was filed on	as Unite	ed States Application No. or PC	CT
International Ar	pplication Number	**	
_	ed on (if applicable)		
	eviewed and understand the c amendment referred to above	contents of the above-identified sp	ecification, including the
		Patent and Trademark Office all it of Federal Regulations, Section 1	
any foreign application(s) which designated at least checking the box, any fore	for patent or inventor's certifone country other than the U	United States Code, Section 119 ficate, or Section 365(a) of any PO United States, listed below and ha inventor's certificate or PCT Integrity is claimed.	CT International Application ve also identified below, by
Prior Foreign Applicat	tion(s)		
(Number)	(Country)	(Day/Month/Year Filed)	Priority Not Claimed
20002123	Finland	27 September 2000	
			<u> </u>
			

Page 1 of 4

I hereby claim the benefit under 35 application(s) listed below:	U.S.C. Section 119(6	e) of any United States provisional
(Application Serial No.)		(Filing Date)
(Application Serial No.)		(Filing Date)
(Application Serial No.:		(Filing Date)
Section 365(c) of any PCT Internal and, insofar as the subject matter o prior United States or PCT Interparagraph of 35 U.S.C. Section 1: Patent and Trademark Office all is	tional Application de f each of the claims or tractional Application 12, I acknowledge the information known to 1.56 which became	O of any United States application(s), or signating the United States, listed below of this application is not disclosed in the in the manner provided by the first ne duty to disclose to the United States to me to be material to patentability as available between the filing date of the cling date of this application:
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
statements made on information statements were made with the kno punishable by fine or imprisonmen	and belief are belie owledge that willful f t, or both, under Sect	ny own knowledge are true and that all eved to be true; and further that these false statements and the like so made are ion 1001 of Title 18 of the United States lize the validity of the application or any
		Page 2 of 4

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following a	ittorney(s)
and/or agent(s) to prosecute this application and transact all business in the Pa	atent and
Trademark Office connected therewith. (list name and registration number)	

All attorneys listed under Customer No.: 2512

Send Correspondence to:

Customer No.: 2512

Direct Telephone Calls to: (name and telephone number) Clarence A. Green, Reg. No.: 24,622 (203) 259-1800

Full name of sole or first inventor:

KAIPONEN, Teemu

Sole or first inventor's signature:

DATE

Residence:

Alppitie 5 B 52, FIN-90530 OULU, Finland

Citizenship:

Finland

Post Office Address:

Alppitie 5 B 52, FIN-90530 OULU, Finland

Ful.	name of second inventor:	
T 7 T	THE PERSON AND A P	

KUITTINEN, Tero

Second inventor's signature:

DATE

1 Cio

3.8.01

Residence address:

SIRVLELI NE 10AZ, FIN-90800 Alppitie 10 as. 35, FIN-90350 OULU, Finland

Citizenship:

Finland

Post Office Address:

Alppitie-10 as. 35, FIN-90350 OULU, Finland SIRVIELIDE 10AZ, FIN-90800

Tken 3.8.01

Thei 3.8.01

Full name of third inventor: KYLMÄNEN, Jari Third Inventor's signature: Residence address: Kesätie 1 B 15, FIN-90530 OULU, Finland Citizenship: Finland Fost Office Address: Kesätie 1 B 15, FIN-90530 OULU, Finland Full name of fourth inventor: Fourth inventor's signature: DATE Residence address: Citizenship: Fost Office Address: Full name of fifth inventor: Post Office Address:			
Residence address: Kesätie 1 B 15, FIN-90530 OULU, Finland Citizenship: Finland Post Office Address: Kesätie 1 B 15, FIN-90530 OULU, Finland Full name of fourth inventor: Fourth inventor's signature: DATE Residence address: Citizenship: Post Office Address: Full name of fifth inventor: Full name of fifth inventor: Full name of fifth inventor: Citizenship: DATE	Full name of third inventor:		
Kesätie 1 B 15, FIN-90530 OULU, Finland Finland Post Office Address: Kesätie 1 B 15, FIN-90530 OULU, Finland Full name of fourth inventor: Fourth inventor's signature: Citizenship: Post Office Address: Full name of fifth inventor: Full name of fifth inventor: DATE Citizenship: Full name of fifth inventor: DATE Citizenship: Citizenship: Citizenship: DATE		DATE	
Kesätie 1 B 15, FIN-90530 OULU, Finland Finland Post Office Address: Kesätie 1 B 15, FIN-90530 OULU, Finland Full name of fourth inventor: Fourth inventor's signature: Citizenship: Post Office Address: Full name of fifth inventor: Full name of fifth inventor: DATE Citizenship: Full name of fifth inventor: DATE Citizenship: Citizenship: Citizenship: DATE			
Citizenship: Full name of fourth inventor: Fourth inventor's signature: Citizenship: Full name of fifth inventor: Full name of fifth inventor: Citizenship: Citizenship: DATE			
Full name of fourth inventor: Fourth inventor's signature: DATE Residence address: Citizenship: Full name of fifth inventor: Full name of fifth inventor: Citizenship: Citizenship: Citizenship: Citizenship: Citizenship: Citizenship: Citizenship: Citizenship:	Citizenship:		
Kesätie 1 B 15, FIN-90530 OULU, Finland Full name of fourth inventor: Fourth inventor's signature: DATE Residence address: Citizenship: Post Office Address: Full name of fifth inventor: Fifth inventor's signature: DATE Residence address:			
Fourth inventor's signature: Residence address: Citizenship: Post Office Address: Full name of fifth inventor: Fifth inventor's signature: DATE Residence address: Citizenship:			
Fourth inventor's signature: Residence address: Citizenship: Post Office Address: Full name of fifth inventor: Fifth inventor's signature: DATE Residence address: Citizenship:			
Residence address: Citizenship: Post Office Address: Full name of fifth inventor: Fifth inventor's signature: DATE Residence address: Citizenship:	Full name of fourth inventor:		
Citizenship: Post Office Address: Full name of fifth inventor: Fifth inventor's signature: DATE Residence address: Citizenship:	Fourth inventor's signature:	DATE	
Post Office Address: Full name of fifth inventor: Fifth inventor's signature: Residence address: Citizenship:	Residence address:		
Full name of fifth inventor: Fifth inventor's signature: Residence address: Citizenship:	Citizenship:		
Fifth inventor's signature: Residence address: Citizenship:	Post Office Address:		
Fifth inventor's signature: Residence address: Citizenship:			
Fifth inventor's signature: Residence address: Citizenship:			
Residence address: Citizenship:	Full name of fifth inventor:		
Residence address: Citizenship:	Eifth inventor's cignature	DATE	
Citizenship:	THUI HIVEHOI S SIGNACUIC.		
	Residence address:		
Post Office Address:	Citizenship:		
	Post Office Address:		
Check here if additional pages are attached. Number of added pages: Page 4 0f 4	Check here if additional pages are attached. Number	er of added pages:	Page 4 Of 4

Docket	No.:			
	DECLARAT		OF ATTORNEY FO	R PATENT
		English Langu	age Declaration	
As a be	elow named inventor, l	hereby declare that:		
My res	idence, post office add	ress and citizenship are as s	tated below next to my name,	
invento	ve I am the original, for (if plural names are ention entitled:	irst and sole inventor (if on listed below) of the subject	ly one name is listed below) or matter which is claimed and for v	an original, first and joint which a patent is sought on
Title:	Antenna arrangem	ent in a mobile station		
the spe	ecification of which			
(check	one)			
X	is attached hereto.			
	was filed on	as United	States Application No. or PC	Γ
	International App	ication Number		
	and was amended	on (if applicable)		
I hereb	by state that I have rev	newed and understand the commendment referred to above	ntents of the above-identified spe	ecification, including the
I acknobe mat	owledge the duty to di terial to patentability a	sclose to the United States F s defined in Title 37, Code of	atent and Trademark Office all in frederal Regulations, Section 1.	nformation known to me to 56.
any fo which checki	reign application(s) fo designated at least or ing the box, any foreig	r patent or inventor's certific e country other than the Ur	United States Code, Section 119(cate, or Section 365(a) of any PC nited States, listed below and have niventor's certificate or PCT Intercity is claimed.	T International Application re also identified below, by
Prior	Foreign Application	on(s)		
	(Number)	(Country)	(Day/Month/Year Filed)	<u>Priority Not Claime</u> d
20002	2123	Finland	27 September 2000	
 				

Page 1 of 4

(Application Serial No.)

	I hereby claim the benefit under 35 U application(s) listed below:	J.S.C. Section 119(e) of	any United States provisional
	(Application Serial No.)		(Filing Date)
	(Application Serial No.)		(Filing Date)
	(Application Serial No.:		(Filing Date)
	Section 365(c) of any PCT International and, insofar as the subject matter of prior United States or PCT International paragraph of 35 U.S.C. Section 11 Patent and Trademark Office all in	onal Application design each of the claims of the actional Application in 2, I acknowledge the differention known to m 1.56 which became available.	any United States application(s), or ating the United States, listed below his application is not disclosed in the the manner provided by the first the uty to disclose to the United States he to be material to patentability as atilable between the filing date of the grate date of this application:
	(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
	(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
1			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Status) (patented, pending, abandoned)

(Filing Date)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

All attorneys listed under Customer No.: 2512

Send Correspondence to:

Customer No.: 2512

Direct Telephone Calls to: (name and telephone number) Clarence A. Green, Reg. No.: 24,622 (203) 259-1800

Full name of sole or first inventor:

KAIPONEN, Teemu

Sole or first inventor's signature:

DATE

Residence:

Alppitie 5 B 52, FIN-90530 OULU, Finland

Citizenship:

Finland

Post Office Address:

Alppitie 5 B 52, FIN-90530 OULU, Finland

Full name of second inventor:

KUITTINEN, Tero

Second inventor's signature:

DATE

Residence address:

Alppitie 10 as. 35, FIN-90350 OULU, Finland

Citizenship:

Finland

Post Office Address:

Alppitie 10 as. 35, FIN-90350 OULU, Finland

ull name of third inventor: YLMÄNEN, Jari		
hird Inventor's signature:	DATE	
Market	010801	
Residence address:		
Kesätie 1 B 15, FIN-90530 OULU, Finland		
Citizenship:		
Finland		
Post Office Address: Kesätie 1 B 15, FIN-90530 OULU, Finland		
Xesatie 1 B 13, 1 IIV-90330 COLO, 1 Intaina		
Full name of fourth inventor:		
Fourth inventor's signature:	DATE	
Residence address:		
Citizenship:		
Post Office Address:		
Tost Office Address.		
Full name of fifth inventor:		
Fifth inventor's signature:	DATE	
ritti niventoi s signature.		
Residence address:		
Citizenship:		
Post Office Address:		
Check here if additional pages are attached. Number of add	ed pages:	Page 4 Of 4
Check hore it additional pages are actualised.		